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**AUG 26 2004**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No.: 09/685,197  
 Applicants: MILLER et al.  
 Filed: October 10, 2002  
 TC/A.C.: 2634  
 Examiner: Liu, Shuwang  
 Docket No.: XSL012/10X-215  
 Customer No.: 23400  
 ENTITLED: MODE CONTROLLER FOR SIGNAL ACQUISITION AND TRACKING IN  
 AN ULTRA WIDEBAND COMMUNICATION SYSTEM

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I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. 703-872-9306 on August 26, 2004 to the Examiner Liu, Shuwang, GAU 2634.

Type or printed name	BRIAN C. ALTMILLER		
Signature	<i>Brian C. Miller</i>	Date	August 26, 2004

**AMENDMENT UNDER 37 C.F.R. 1.111**

U.S. Patent and Trademark Office  
 220 20<sup>th</sup> Street, S.  
 Customer Window, Mail Stop Amendment  
 Crystal Plaza Two, Lobby, Room 1B03  
 Arlington, VA 22202

Sir:

In response to the Office Action dated May 26, 2004, the period for response to which extends through August 26, 2004, please consider the following amendments and comments.

**Amendments to the Claims** are reflected in the listing of the claims, which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 26 of this paper.

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To: Examiner Shuwang Liu  
GAU 2634.

From: Brian C. Altmiller

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